

Method Name: AsHGA Element: As
 Method Description: AsHga SM 3113 B

Date: 09/26/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 193.7 nm Slit Width: 0.70 nm
 Lamp Current: 0 Energy: 61
 Sample Info File: Untitled Results Data Set:

Element: As AS Loc.: 36 Date: 09/26/2001
 Sample ID: Calib Blank
 μ L dispensed: 10 from 36, 5 from 37, 20 from 36

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			-0.002	-0.002	0.022	09:33:42	No

Auto-zero performed.

Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S10
 μ L dispensed: 25 from 36, 5 from 37, 5 from 38

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.064	0.062	0.021	09:36:19	No

Standard number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0064

Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S20
 μ L dispensed: 20 from 36, 5 from 37, 10 from 38

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.113	0.111	0.024	09:39:02	No

Standard number 2 applied. [20]

Correlation Coefficient: 0.9973

Slope: 0.0056

Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S30
 μ L dispensed: 15 from 36, 5 from 37, 15 from 38

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.169	0.167	0.024	09:41:44	No

Standard number 3 applied. [30]

Correlation Coefficient: 0.9988

Slope: 0.0056

=====
Element: As AS Loc.: 38 Date: 09/26/2001

Sample ID: S40

µL dispensed: 10 from 36, 5 from 37, 20 from 38

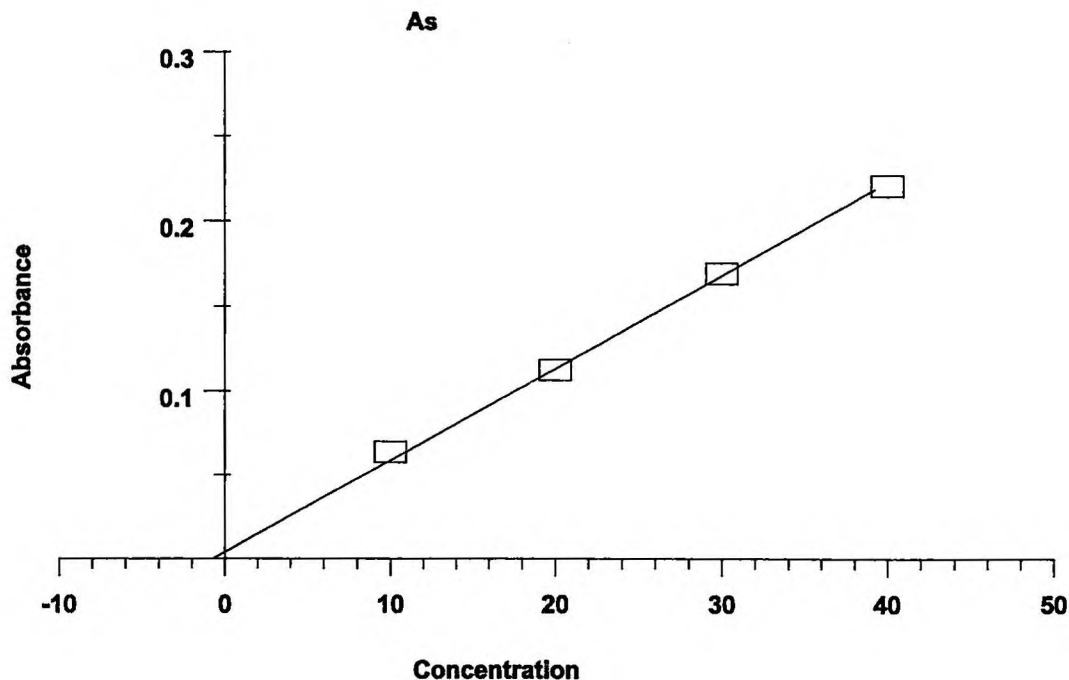
Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area
1 0.221 0.219 0.028 09:44:26 No

The calibration curve may not be linear.

Standard number 4 applied. [40]

Correlation Coefficient: 0.9992

Slope: 0.0055



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-0.697	----	----
S10	0.064	10	10.92	----	----
S20	0.113	20	19.90	----	----
S30	0.169	30	30.23	----	----
S40	0.221	40	39.65	----	----

Correlation Coefficient: 0.99924 Slope: 0.00547 Intercept: 0.004

=====
Element: As AS Loc.: 1 Date: 09/26/2001

Sample ID: qcs

µL dispensed: 10 from 36, 5 from 37, 20 from 1

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area
1 9.753 9.753 0.057 0.055 0.018 09:47:38 No

QC value within specified limits.

=====
Element: As AS Loc.: 2 Date: 09/26/2001
Sample ID: ipc
µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 20.37 20.37 0.115 0.114 0.019 09:50:16 No
QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 09/26/2001
Sample ID: cb
µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 0.484 0.484 0.006 0.005 0.010 09:52:52 No

=====
Element: As AS Loc.: 4 Date: 09/26/2001
Sample ID: lfb
µL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 38.69 38.69 0.216 0.214 0.027 09:55:29 No
QC value within specified limits.

=====
Element: As AS Loc.: 5 Date: 09/26/2001
Sample ID: lrb
µL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 -0.384 -0.384 0.002 0.000 0.011 09:58:07 No

=====
Element: As AS Loc.: 6 Date: 09/26/2001
Sample ID: 23340
µL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 -0.035 -0.035 0.004 0.002 0.014 10:00:46 No

=====
Element: As AS Loc.: 6 Date: 09/26/2001
Sample ID: 23340
µL dispensed: 5 from 37, 10 from 38, 20 from 6

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 18.89 18.89 0.107 0.105 0.019 10:03:22 No
Recovery is 94.4%

=====
Element: As AS Loc.: 7 Date: 09/26/2001
Sample ID: 23340dup
µL dispensed: 10 from 36, 5 from 37, 20 from 7

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 0.297 0.297 0.005 0.004 0.013 10:06:02 No
=====

=====
Element: As AS Loc.: 8 Date: 09/26/2001
Sample ID: 23341
µL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 -0.036 -0.036 0.004 0.002 0.016 10:08:44 No
=====

=====
Element: As AS Loc.: 9 Date: 09/26/2001
Sample ID: 23342
µL dispensed: 10 from 36, 5 from 37, 20 from 9

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 -0.131 -0.131 0.003 0.001 0.015 10:11:26 No
=====

=====
Element: As AS Loc.: 10 Date: 09/26/2001
Sample ID: 23343
µL dispensed: 10 from 36, 5 from 37, 20 from 10

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 0.334 0.334 0.006 0.004 0.012 10:14:09 No
=====

=====
Element: As AS Loc.: 11 Date: 09/26/2001
Sample ID: 23344
µL dispensed: 10 from 36, 5 from 37, 20 from 11

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 0.498 0.498 0.007 0.005 0.012 10:16:55 No
=====

=====
Element: As AS Loc.: 12 Date: 09/26/2001
Sample ID: 23345
µL dispensed: 10 from 36, 5 from 37, 20 from 12

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 0.587 0.587 0.007 0.005 0.012 10:19:40 No
=====

=====
Element: As AS Loc.: 13 Date: 09/26/2001
Sample ID: 23359
µL dispensed: 10 from 36, 5 from 37, 20 from 13

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	0.073	0.073	0.004	0.002	0.014	10:22:25	No

=====
Element: As AS Loc.: 14 Date: 09/26/2001
Sample ID: 23360
µL dispensed: 10 from 36, 5 from 37, 20 from 14

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	0.496	0.496	0.007	0.005	0.013	10:25:10	No

=====
Element: As AS Loc.: 2 Date: 09/26/2001
Sample ID: ipc
µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	18.53	18.53	0.105	0.103	0.019	10:27:50	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 09/26/2001
Sample ID: cb
µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	0.050	0.050	0.004	0.002	0.009	10:30:28	No

=====
Element: As AS Loc.: 15 Date: 09/26/2001
Sample ID: 23430
µL dispensed: 10 from 36, 5 from 37, 20 from 15

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.095	-0.095	0.003	0.001	0.033	10:33:11	No

=====
Element: As AS Loc.: 16 Date: 09/26/2001
Sample ID: 23442
µL dispensed: 10 from 36, 5 from 37, 20 from 16

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.015	-0.015	0.004	0.002	0.021	10:35:54	No

=====
Element: As AS Loc.: 16 Date: 09/26/2001

Sample ID: 23442

 μ L dispensed: 5 from 37, 10 from 38, 20 from 16

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.17	18.17	0.103	0.101	0.025	10:38:38	No

Recovery is 90.9%

=====
Element: As AS Loc.: 17 Date: 09/26/2001

Sample ID: 23444

 μ L dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.269	0.269	0.005	0.003	0.020	10:41:21	No

=====
Element: As AS Loc.: 18 Date: 09/26/2001

Sample ID: 23446

 μ L dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.131	-0.131	0.003	0.001	0.021	10:44:02	No

=====
Element: As AS Loc.: 19 Date: 09/26/2001

Sample ID: 23453

 μ L dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.208	-0.208	0.003	0.001	0.027	10:46:43	No

=====
Element: As AS Loc.: 20 Date: 09/26/2001

Sample ID: 23455

 μ L dispensed: 10 from 36, 5 from 37, 20 from 20

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.557	-0.557	0.001	-0.001	0.027	10:49:23	No

=====
Element: As AS Loc.: 21 Date: 09/26/2001

Sample ID: 23460

 μ L dispensed: 10 from 36, 5 from 37, 20 from 21

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.226	-0.226	0.003	0.001	0.020	10:52:00	No

=====

Element: As AS Loc.: 22 Date: 09/26/2001

Sample ID: 23462

 μ L dispensed: 10 from 36, 5 from 37, 20 from 22-----

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.367	-0.367	0.002	0.000	0.021	10:54:37	No

=====

Element: As AS Loc.: 23 Date: 09/26/2001

Sample ID: 23464

 μ L dispensed: 10 from 36, 5 from 37, 20 from 23-----

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.397	-0.397	0.002	0.000	0.020	10:57:14	No

=====

Element: As AS Loc.: 2 Date: 09/26/2001

Sample ID: ipc

 μ L dispensed: 10 from 36, 5 from 37, 20 from 2-----

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	19.12	19.12	0.108	0.107	0.017	10:59:53	No

QC value within specified limits.

=====

Element: As AS Loc.: 3 Date: 09/26/2001

Sample ID: cb

 μ L dispensed: 10 from 36, 5 from 37, 20 from 3-----

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	0.009	0.009	0.004	0.002	0.009	11:02:30	No

=====

Element: As AS Loc.: 24 Date: 09/26/2001

Sample ID: 23471

 μ L dispensed: 10 from 36, 5 from 37, 20 from 24-----

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	0.230	0.230	0.005	0.003	0.011	11:05:07	No

=====

Element: As AS Loc.: 25 Date: 09/26/2001

Sample ID: 23472

 μ L dispensed: 10 from 36, 5 from 37, 20 from 25-----

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.126	-0.126	0.003	0.001	0.008	11:07:46	No

=====
Element: As AS Loc.: 26 Date: 09/26/2001

Sample ID: 23473

 μ L dispensed: 10 from 36, 5 from 37, 20 from 26

Repl #	SampleConc μ g/L	StndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.131	0.131	0.005	0.003	0.015	11:10:27	No

=====

Element: As AS Loc.: 26 Date: 09/26/2001

Sample ID: 23473

 μ L dispensed: 5 from 37, 10 from 38, 20 from 26

Repl #	SampleConc μ g/L	StndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.13	18.13	0.103	0.101	0.022	11:13:05	No

Recovery is 90.0%

=====

Element: As AS Loc.: 27 Date: 09/26/2001

Sample ID: 23473dup

 μ L dispensed: 10 from 36, 5 from 37, 20 from 27

Repl #	SampleConc μ g/L	StndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.001	0.001	0.004	0.002	0.016	11:15:47	No

=====

Element: As AS Loc.: 28 Date: 09/26/2001

Sample ID: 23497

 μ L dispensed: 10 from 36, 5 from 37, 20 from 28

Repl #	SampleConc μ g/L	StndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.038	0.038	0.004	0.002	0.012	11:18:32	No

=====

Element: As AS Loc.: 29 Date: 09/26/2001

Sample ID: 23498

 μ L dispensed: 10 from 36, 5 from 37, 20 from 29

Repl #	SampleConc μ g/L	StndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.238	0.238	0.005	0.003	0.012	11:21:18	No

=====

Element: As AS Loc.: 30 Date: 09/26/2001

Sample ID: 23499

 μ L dispensed: 10 from 36, 5 from 37, 20 from 30

Repl #	SampleConc μ g/L	StndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.125	0.125	0.004	0.003	0.014	11:24:04	No

=====

=====

Element: As AS Loc.: 31 Date: 09/26/2001

Sample ID: 23500

μL dispensed: 10 from 36, 5 from 37, 20 from 31

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.449	-0.449	0.001	0.000	0.016	11:26:50	No

=====

Element: As AS Loc.: 32 Date: 09/26/2001

Sample ID: 23501

μL dispensed: 10 from 36, 5 from 37, 20 from 32

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.142	0.142	0.005	0.003	0.014	11:29:34	No

=====

Element: As AS Loc.: 2 Date: 09/26/2001

Sample ID: ipc

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.13	19.13	0.109	0.107	0.019	11:32:14	No

QC value within specified limits.

=====

Element: As AS Loc.: 3 Date: 09/26/2001

Sample ID: cb

μL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.052	0.052	0.004	0.002	0.009	11:34:51	No

=====

Element: As AS Loc.: 33 Date: 09/26/2001

Sample ID: 23502

μL dispensed: 10 from 36, 5 from 37, 20 from 33

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.488	0.488	0.006	0.005	0.012	11:37:33	No

=====

Element: As AS Loc.: 34 Date: 09/26/2001

Sample ID: 23503

μL dispensed: 10 from 36, 5 from 37, 20 from 34

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.243	0.243	0.005	0.003	0.013	11:40:14	No

=====
Element: As AS Loc.: 2 Date: 09/26/2001
Sample ID: ipc
µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	20.24	20.24	0.115	0.113	0.019	11:42:53	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 09/26/2001
Sample ID: cb
µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	0.196	0.196	0.005	0.003	0.008	11:45:30	No

Sample Information File Untitled

Description : As NP 9/26/01
Batch ID :
Volume Units :
Weight Units :
Analyst :
Sample Volume : 1.000
Nominal Weight : 1.000000

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
1 QCS			
6 tclp blk			
7 22003tclp			
8 22003tclp dup			
9 22008		20.0000	
10 dig blk			
11 22830			
12 22835			
13 22841		20.0000	
14 dig blk			
15 22969			
16 23230			
17 23235			
18 23240			
19 23245			

Method Name: AsHGA Element: As
 Method Description: AsHga SM 3113 B

Date: 09/26/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 193.7 nm Slit Width: 0.70 nm
 Lamp Current: 0 Energy: 62
 Sample Info File: Untitled Results Data Set:

Element: As AS Loc.: 6 Date: 09/26/2001
 Sample ID: tclp blk
 µL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.399	-0.399	0.002	0.000	0.057	12:00:38	No

Element: As AS Loc.: 7 Date: 09/26/2001
 Sample ID: 22003tclp
 µL dispensed: 10 from 36, 5 from 37, 20 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	5.055	5.055	0.031	0.030	0.073	12:03:19	No

Element: As AS Loc.: 7 Date: 09/26/2001
 Sample ID: 22003tclp
 µL dispensed: 5 from 37, 10 from 38, 20 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	11.50	11.50	0.067	0.065	0.084	12:05:55	No

Recovery is 32.2% (outside of specified limits)

Element: As AS Loc.: 7 Date: 09/26/2001
 Sample ID: 22003tclp
 µL dispensed: 25 from 36, 5 from 37, 5 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	7.805	1.951	0.014	0.013	0.037	12:08:36	No

Element: As AS Loc.: 7 Date: 09/26/2001
 Sample ID: 22003tclp
 µL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	74.88	18.72	0.106	0.104	0.037	12:11:23	No

Recovery is 83.8% (outside of specified limits)

=====
 Element: As AS Loc.: 8 Date: 09/26/2001
 Sample ID: 22003tcclp dup
 µL dispensed: 10 from 36, 5 from 37, 20 from 8
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	5.166	5.166	0.032	0.030	0.080	12:14:05	No

=====
 Element: As AS Loc.: 9 Date: 09/26/2001
 Sample ID: 22008
 µL dispensed: 10 from 36, 5 from 37, 20 from 9
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	29.19	1.460	0.012	0.010	0.143	12:16:47	No

=====
 Element: As AS Loc.: 9 Date: 09/26/2001
 Sample ID: 22008
 µL dispensed: 5 from 37, 10 from 38, 20 from 9
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	242.1	12.10	0.070	0.068	0.148	12:19:23	No

Recovery is 53.2% (outside of specified limits)

=====
 Element: As AS Loc.: 9 Date: 09/26/2001
 Sample ID: 22008
 µL dispensed: 25 from 36, 5 from 37, 5 from 9
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	37.04	0.463	0.006	0.005	0.050	12:22:05	No

=====
 Element: As AS Loc.: 9 Date: 09/26/2001
 Sample ID: 22008
 µL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 9
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	1050	13.12	0.076	0.074	0.048	12:24:52	No

Recovery is 63.3% (outside of specified limits)

=====
 Element: As AS Loc.: 1 Date: 09/26/2001
 Sample ID: qcs
 µL dispensed: 10 from 36, 5 from 37, 20 from 1
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	9.870	9.870	0.058	0.056	0.019	12:27:35	No

QC value within specified limits.

=====
 Element: As AS Loc.: 10 Date: 09/26/2001
 Sample ID: dig blk
 µL dispensed: 10 from 36, 5 from 37, 20 from 10

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.195	-0.195	0.003	0.001	0.012	12:30:14	No

=====
 Element: As AS Loc.: 11 Date: 09/26/2001
 Sample ID: 22830
 µL dispensed: 10 from 36, 5 from 37, 20 from 11

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.277	0.277	0.005	0.004	0.015	12:33:00	No

=====
 Element: As AS Loc.: 11 Date: 09/26/2001
 Sample ID: 22830
 µL dispensed: 5 from 37, 10 from 38, 20 from 11

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	16.72	16.72	0.095	0.094	0.023	12:35:40	No

Recovery is 82.2% (outside of specified limits)

=====
 Element: As AS Loc.: 11 Date: 09/26/2001
 Sample ID: 22830
 µL dispensed: 25 from 36, 5 from 37, 5 from 11

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-3.342	-0.835	-0.001	-0.003	0.014	12:38:24	No

=====
 Element: As AS Loc.: 11 Date: 09/26/2001
 Sample ID: 22830
 µL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 11

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	80.97	20.24	0.115	0.113	0.024	12:41:13	No

Recovery is 101.2%

=====
 Element: As AS Loc.: 12 Date: 09/26/2001
 Sample ID: 22835
 µL dispensed: 10 from 36, 5 from 37, 20 from 12

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.299	0.299	0.005	0.004	0.021	12:43:59	No

=====
 Element: As AS Loc.: 12 Date: 09/26/2001

Sample ID: 22835

µL dispensed: 5 from 37, 10 from 38, 20 from 12

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	14.93	14.93	0.086	0.084	0.025	12:46:40	No

 Recovery is 73.2% (outside of specified limits)

=====
 Element: As AS Loc.: 12 Date: 09/26/2001

Sample ID: 22835

µL dispensed: 25 from 36, 5 from 37, 5 from 12

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.270	-0.068	0.003	0.002	0.017	12:49:24	No

=====
 Element: As AS Loc.: 12 Date: 09/26/2001

Sample ID: 22835

µL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 12

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	75.06	18.77	0.107	0.105	0.024	12:52:13	No

 Recovery is 93.8%

=====
 Element: As AS Loc.: 13 Date: 09/26/2001

Sample ID: 22841

µL dispensed: 10 from 36, 5 from 37, 20 from 13

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	43.49	2.174	0.016	0.014	0.172	12:54:58	No

=====
 Element: As AS Loc.: 13 Date: 09/26/2001

Sample ID: 22841

µL dispensed: 5 from 37, 10 from 38, 20 from 13

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	242.9	12.14	0.070	0.068	0.184	12:57:41	No

 Recovery is 49.8% (outside of specified limits)

=====
 Element: As AS Loc.: 13 Date: 09/26/2001

Sample ID: 22841

µL dispensed: 25 from 36, 5 from 37, 5 from 13

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	75.49	0.944	0.009	0.007	0.061	13:00:25	No

=====
Element: As AS Loc.: 13 Date: 09/26/2001

Sample ID: 22841

 μ L dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 13

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	1302	16.28	0.093	0.091	0.064	13:03:14	No

Recovery is 76.7% (outside of specified limits)

=====
Element: As AS Loc.: 1 Date: 09/26/2001

Sample ID: qcs

 μ L dispensed: 10 from 36, 5 from 37, 20 from 1

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	10.72	10.72	0.062	0.061	0.016	13:05:55	No

QC value within specified limits.

=====
Element: As AS Loc.: 14 Date: 09/26/2001

Sample ID: dig blk

 μ L dispensed: 10 from 36, 5 from 37, 20 from 14

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.451	-0.451	0.001	0.000	0.008	13:08:36	No

=====
Element: As AS Loc.: 15 Date: 09/26/2001

Sample ID: 22969

 μ L dispensed: 10 from 36, 5 from 37, 20 from 15

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	1.010	1.010	0.009	0.008	0.023	13:11:21	No

=====
Element: As AS Loc.: 15 Date: 09/26/2001

Sample ID: 22969

 μ L dispensed: 5 from 37, 10 from 38, 20 from 15

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.18	18.18	0.103	0.102	0.019	13:14:06	No

Recovery is 85.8%

=====
Element: As AS Loc.: 16 Date: 09/26/2001

Sample ID: 23230

 μ L dispensed: 10 from 36, 5 from 37, 20 from 16

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.790	0.790	0.008	0.006	0.028	13:16:50	No

=====
 Element: As AS Loc.: 16 Date: 09/26/2001
 Sample ID: 23230
 µL dispensed: 5 from 37, 10 from 38, 20 from 16

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	9.995	9.995	0.059	0.057	0.013	13:19:34	No

Recovery is 46.0% (outside of specified limits)

=====
 Element: As AS Loc.: 16 Date: 09/26/2001
 Sample ID: 23230
 µL dispensed: 25 from 36, 5 from 37, 5 from 16

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.075	0.019	0.004	0.002	0.013	13:22:17	No

=====
 Element: As AS Loc.: 16 Date: 09/26/2001
 Sample ID: 23230
 µL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 16

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	65.78	16.45	0.094	0.092	0.025	13:25:06	No

Recovery is 82.1% (outside of specified limits)

=====
 Element: As AS Loc.: 17 Date: 09/26/2001
 Sample ID: 23235
 µL dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.314	0.314	0.006	0.004	0.026	13:27:48	No

=====
 Element: As AS Loc.: 17 Date: 09/26/2001
 Sample ID: 23235
 µL dispensed: 5 from 37, 10 from 38, 20 from 17

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	17.53	17.53	0.100	0.098	0.023	13:30:31	No

Recovery is 86.1%

=====
 Element: As AS Loc.: 18 Date: 09/26/2001
 Sample ID: 23240
 µL dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.132	0.132	0.005	0.003	0.010	13:33:13	No

=====
 Element: As AS Loc.: 18 Date: 09/26/2001

Sample ID: 23240

μL dispensed: 5 from 37, 10 from 38, 20 from 18

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	15.83	15.83	0.090	0.089	0.024	13:35:57	No

Recovery is 78.5% (outside of specified limits)

=====
 Element: As AS Loc.: 18 Date: 09/26/2001

Sample ID: 23240

μL dispensed: 25 from 36, 5 from 37, 5 from 18

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.335	0.084	0.004	0.002	0.012	13:38:38	No

=====
 Element: As AS Loc.: 18 Date: 09/26/2001

Sample ID: 23240

μL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 18

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	81.10	20.28	0.115	0.113	0.024	13:41:27	No

Recovery is 101.0%

=====
 Element: As AS Loc.: 1 Date: 09/26/2001

Sample ID: qcs

μL dispensed: 10 from 36, 5 from 37, 20 from 1

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	10.71	10.71	0.062	0.061	0.015	13:44:06	No

QC value within specified limits.

=====
 Element: As AS Loc.: 19 Date: 09/26/2001

Sample ID: 23245

μL dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.017	0.017	0.004	0.002	0.044	13:46:45	No

=====
 Element: As AS Loc.: 19 Date: 09/26/2001

Sample ID: 23245

μL dispensed: 5 from 37, 10 from 38, 20 from 19

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	8.459	8.459	0.050	0.048	0.049	13:49:30	No

Recovery is 42.2% (outside of specified limits)

=====
Element: As AS Loc.: 19 Date: 09/26/2001

Sample ID: 23245

 μ L dispensed: 25 from 36, 5 from 37, 5 from 19

Repl	SampleConc	StndConc	Blncorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.620	-0.155	0.003	0.001	0.022	13:52:09	No

=====

Element: As AS Loc.: 19 Date: 09/26/2001

Sample ID: 23245

 μ L dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 19

Repl	SampleConc	StndConc	Blncorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	65.44	16.36	0.093	0.092	0.027	13:54:58	No

Recovery is 81.8% (outside of specified limits)

Element: As AS Loc.: 1 Date: 09/26/2001

Sample ID: qcs

 μ L dispensed: 10 from 36, 5 from 37, 20 from 1

Repl	SampleConc	StndConc	Blncorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	10.90	10.90	0.063	0.062	0.018	13:57:37	No

QC value within specified limits.

Method Name: AsHGA Element: As
 Method Description: AsHga SM 3113 B

Date: 09/26/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 193.7 nm Slit Width: 0.70 nm
 Lamp Current: 0 Energy: 62
 Sample Info File: Untitled Results Data Set:

Element: As AS Loc.: 21 Date: 09/26/2001
 Sample ID: soil blk
 µL dispensed: 10 from 36, 5 from 37, 20 from 21

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.258	-0.258	0.002	0.001	0.019	14:26:48	No

Element: As AS Loc.: 22 Date: 09/26/2001
 Sample ID: soil qc
 µL dispensed: 10 from 36, 5 from 37, 20 from 22

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	6.610	6.610	0.040	0.038	0.031	14:29:25	No

Element: As AS Loc.: 23 Date: 09/26/2001
 Sample ID: 22338
 µL dispensed: 10 from 36, 5 from 37, 20 from 23

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	13.90	13.90	0.080	0.078	1.288	14:32:02	No

Element: As AS Loc.: 23 Date: 09/26/2001
 Sample ID: 22338
 µL dispensed: 5 from 37, 10 from 38, 20 from 23

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	28.63	28.63	0.161	0.159	1.396	14:34:40	No

Recovery is 73.6% (outside of specified limits)

Element: As AS Loc.: 23 Date: 09/26/2001
 Sample ID: 22338
 µL dispensed: 25 from 36, 5 from 37, 5 from 23

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	15.31	3.829	0.025	0.023	0.409	14:37:16	No

=====
Element: As AS Loc.: 23 Date: 09/26/2001
Sample ID: 22338
 μ L dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 23

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	91.22	22.80	0.129	0.127	0.385	14:40:04	No

Recovery is 94.9%

=====
Element: As AS Loc.: 24 Date: 09/26/2001
Sample ID: 22338dup
 μ L dispensed: 10 from 36, 5 from 37, 20 from 24

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	13.56	13.56	0.078	0.076	1.380	14:42:42	No

=====
Element: As AS Loc.: 1 Date: 09/26/2001
Sample ID: qcs
 μ L dispensed: 10 from 36, 5 from 37, 20 from 1

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	11.41	11.41	0.066	0.064	0.069	14:45:22	No

QC out of limits. QC will be repeated based on Retry setting.

=====
Element: As AS Loc.: 1 Date: 09/26/2001
Sample ID: qcs
 μ L dispensed: 10 from 36, 5 from 37, 20 from 1

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	10.17	10.17	0.059	0.058	0.018	14:48:00	No

QC value within specified limits.

=====
Element: As AS Loc.: 36 Date: 09/26/2001
Sample ID: Calib Blank
µL dispensed: 20 from 36, 5 from 37, 20 from 36

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.003	0.003	0.023	15:18:17	No

Auto-zero performed.

=====
Element: As AS Loc.: 7 Date: 09/26/2001
Sample ID: 22003tclp
µL dispensed: 20 from 36, 5 from 37, 20 from 7

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.022	0.025	0.133	15:20:53	No

=====
Element: As AS Loc.: 38 Date: 09/26/2001
Sample ID: S10
µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 7

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.045	0.048	0.133	15:23:42	No

Addition number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0023

=====
Element: As AS Loc.: 38 Date: 09/26/2001
Sample ID: S20
µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 7

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.050	0.053	0.108	15:26:29	No

Addition number 2 applied. [20]

Correlation Coefficient: 0.9384

Slope: 0.0014

=====
Element: As AS Loc.: 38 Date: 09/26/2001
Sample ID: S30
µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 7

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.077	0.080	0.131	15:29:18	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9723

Slope: 0.0017

=====
 Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S40
 µL dispensed: 5 from 37, 20 from 38, 20 from 7
 =====

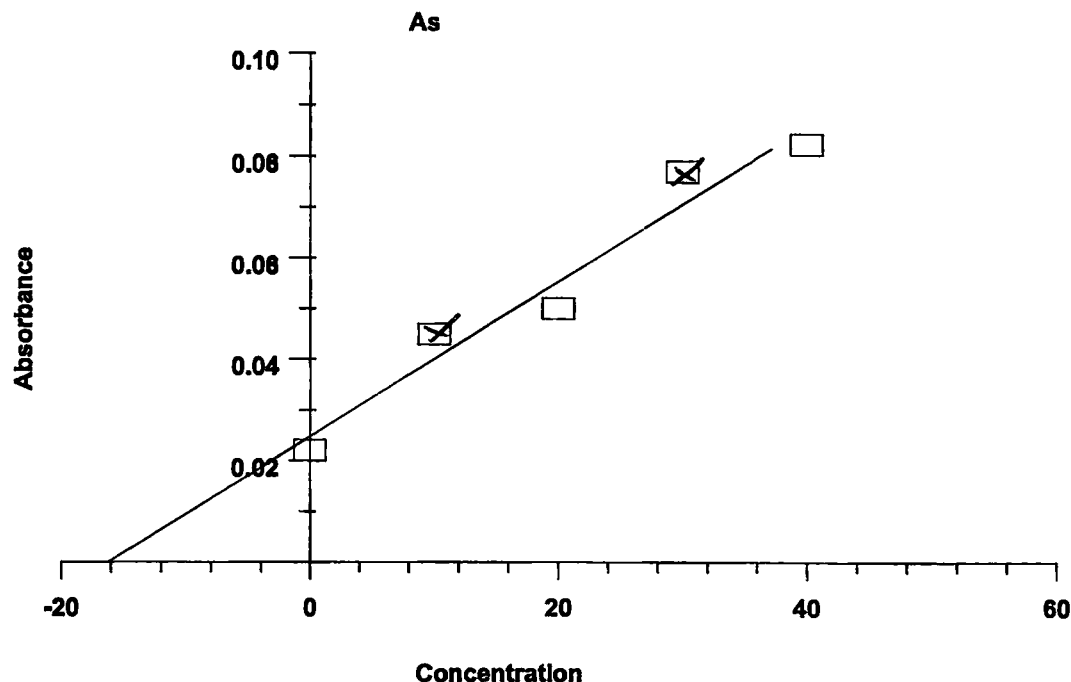
Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.082	0.085	0.129	15:31:56	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9766

Slope: 0.0015



 Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-14.47	----	----
S10	0.045	10	14.98	----	----
S20	0.050	20	18.29	----	----
S30	0.077	30	36.00	----	----
S40	0.082	40	39.49	----	----
Correlation Coefficient: 0.97656 Slope: 0.00153 Intercept: 0.025					

 [As] Sample Concentration 16.23 µg/L

S10
 S30 .069

$r = .9978$

$22003 = 14.05$
 µm

The calibration curve has been edited.

=====
 Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S10
 µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 7

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.046	0.049	0.160	15:35:18	No

Addition number 1 applied. [10]

Correlation Coefficient: 0.9813

Slope: 0.0014

[As] Sample Concentration 17.73 µg/L

=====
 Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S30
 µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 7

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.069	0.072	0.137	15:38:07	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9836

Slope: 0.0014

[As] Sample Concentration 17.55 µg/L

The calibration curve has been edited.

=====
 Element: As AS Loc.: 36 Date: 09/26/2001
 Sample ID: Calib Blank
 µL dispensed: 20 from 36, 5 from 37, 20 from 36

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.001	0.004	0.024	15:41:46	No

Auto-zero performed.

=====
 Element: As AS Loc.: 9 Date: 09/26/2001
 Sample ID: 22008
 µL dispensed: 20 from 36, 5 from 37, 20 from 9

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.002	0.006	0.114	15:44:25	No

=====
 Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S10
 µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 9

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.016	0.020	0.113	15:47:14	No

Addition number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0014

=====
Element: As AS Loc.: 38 Date: 09/26/2001

Sample ID: S20

 μ L dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 9

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.028	0.032	0.108	15:50:05	No

Addition number 2 applied. [20]

Correlation Coefficient: 0.9992

Slope: 0.0013

=====
Element: As AS Loc.: 38 Date: 09/26/2001

Sample ID: S30

 μ L dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 9

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.037	0.041	0.110	15:52:54	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9942

Slope: 0.0012

=====
Element: As AS Loc.: 38 Date: 09/26/2001

Sample ID: S40

 μ L dispensed: 5 from 37, 20 from 38, 20 from 9

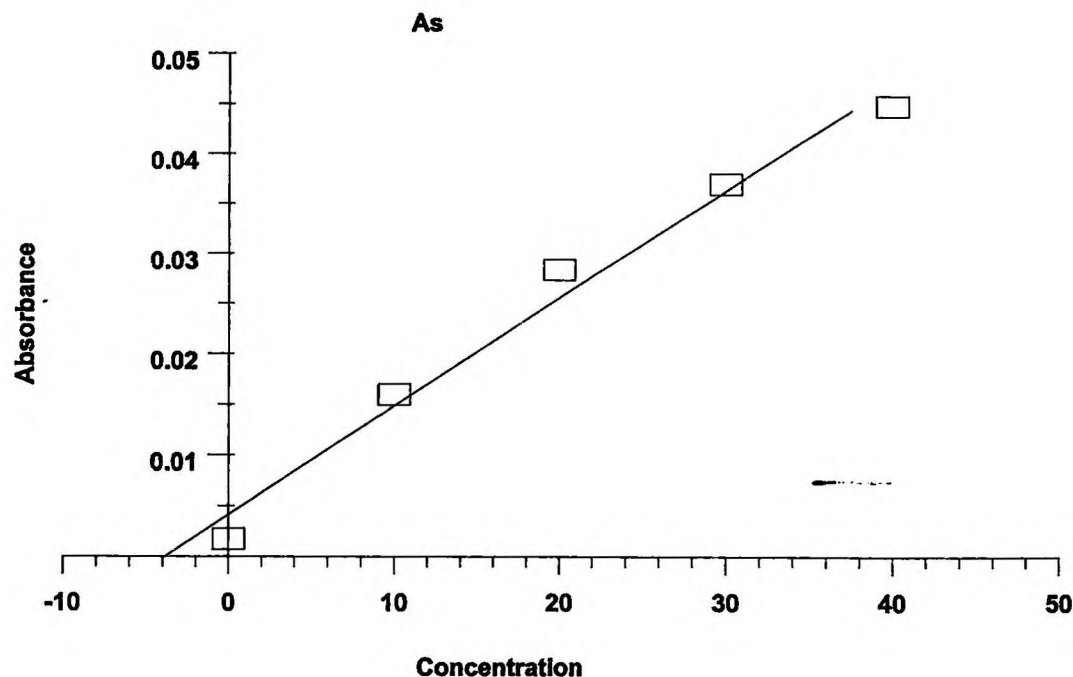
Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.045	0.049	0.111	15:55:32	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9913

Slope: 0.0011



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-1.622	----	----
S10	0.016	10	13.29	----	----
S20	0.028	20	24.87	----	----
S30	0.037	30	32.87	----	----
S40	0.045	40	40.21	----	----
Correlation Coefficient: 0.99133 Slope: 0.00107 Intercept: 0.004					
[As] Sample Concentration	3.871 µg/L				
[As] Sample Concentration	77.41 µg/L				

The calibration curve has been edited.

=====

Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S30
 µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 9

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.036	0.040	0.105	15:59:49	No

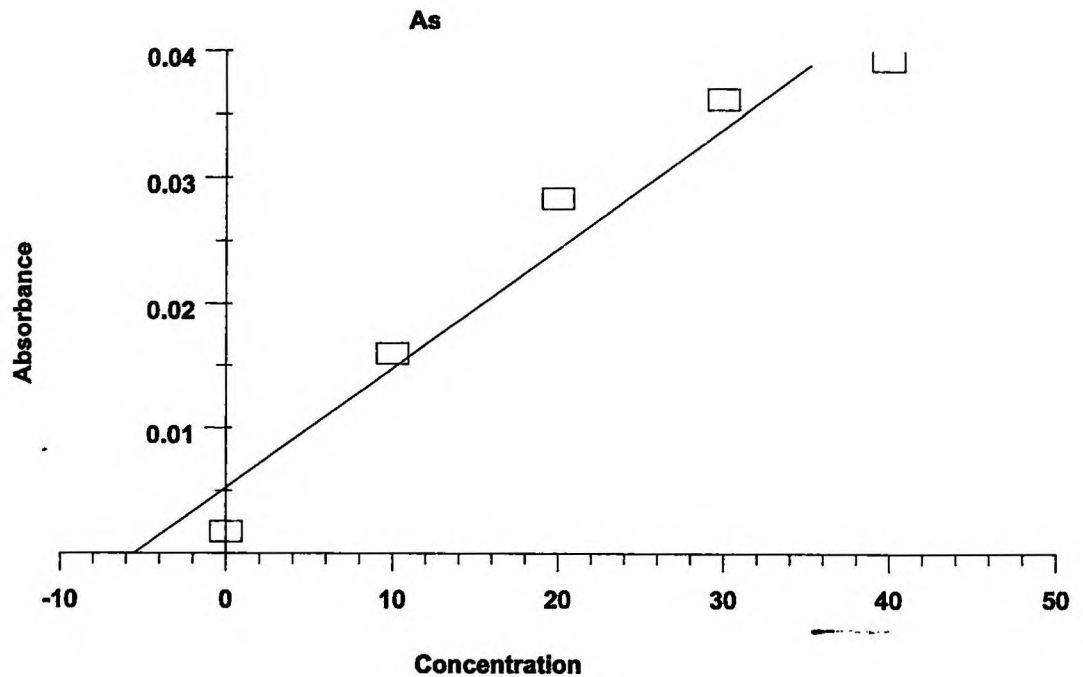
Addition number 3 applied. [30]
 Correlation Coefficient: 0.9922 Slope: 0.0012
 [As] Sample Concentration 2.762 µg/L
 [As] Sample Concentration 55.25 µg/L

=====

Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S40
 µL dispensed: 5 from 37, 20 from 38, 20 from 9

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.039	0.043	0.104	16:02:29	No

The calibration curve may not be linear.
 Addition number 4 applied. [40]
 Correlation Coefficient: 0.9723 Slope: 0.0010
 [As] Sample Concentration 5.500 µg/L
 [As] Sample Concentration 110.0 µg/L



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration ($\mu\text{g/L}$)	Calculated Concentration ($\mu\text{g/L}$)	Standard Deviation	%RSD
Calib Blank	0.000	----	-1.822	----	----
S10	0.016	10	14.93	----	----
S20	0.028	20	27.93	----	----
S30	0.036	30	36.15	----	----
S40	0.039	40	39.39	----	----
Correlation Coefficient: 0.97235 Slope: 0.00095 Intercept: 0.005					

The calibration curve has been edited.

=====
 Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S30
 μL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 9

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.034	0.037	0.101	16:06:57	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9818

Slope: 0.0011

[As] Sample Concentration 3.450 $\mu\text{g/L}$

[As] Sample Concentration 68.99 $\mu\text{g/L}$

=====
 Element: As AS Loc.: 38 Date: 09/26/2001
 Sample ID: S40
 μL dispensed: 5 from 37, 20 from 38, 20 from 9

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.037	0.041	0.096	16:09:37	No

The calibration curve may not be linear.

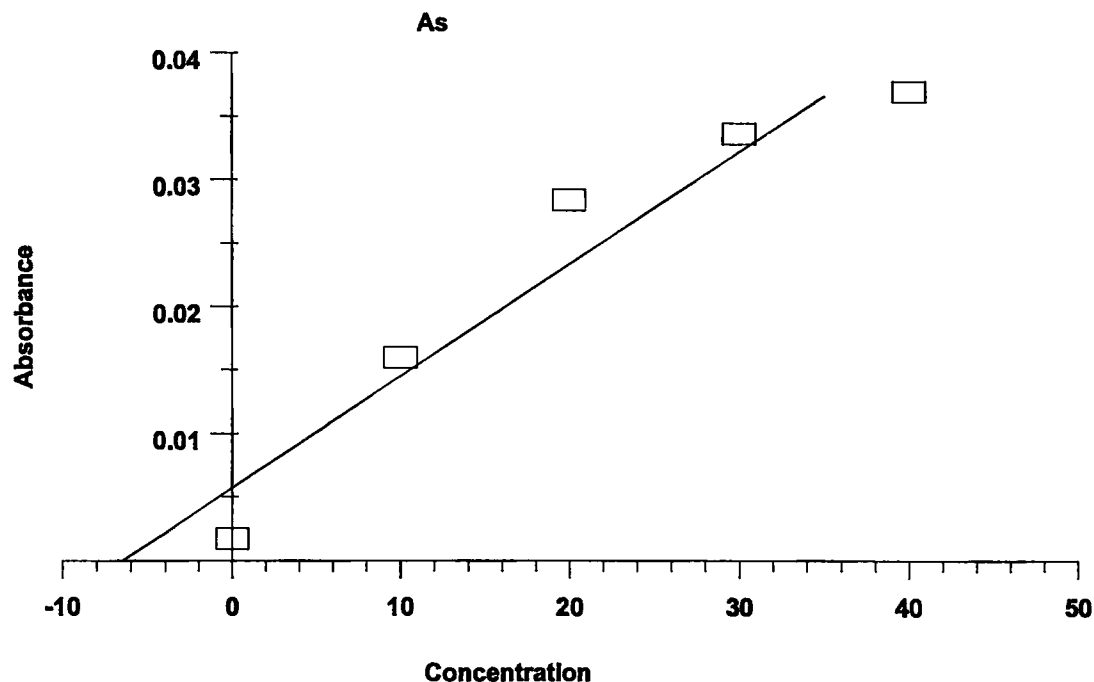
Addition number 4 applied. [40]

Correlation Coefficient: 0.9627

Slope: 0.0009

[As] Sample Concentration 6.486 $\mu\text{g/L}$

[As] Sample Concentration 129.7 $\mu\text{g/L}$



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (μg/L)	Calculated Concentration (μg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-1.972	----	----
S10	0.016	10	16.16	----	----
S20	0.028	20	30.24	----	----
S30	0.034	30	36.17	----	----
S40	0.037	40	40.00	----	----
Correlation Coefficient: 0.96268 Slope: 0.00088 Intercept: 0.006					
